





Wm. RIFLEMAN X:

Compine Uva  Hull F.E. Rpt. No.  
53250

Cochrane & Sons yard No. 1302.

RECORDS DEPT.,  
LONDON



GENERAL ARRANGEMENT.



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Foundation

005118-005131-0086



**GENERAL ARRANGEMENT**

SINGLE SCREW STEAM TUG  
115'-0" B.P. • 27'-6" MLD. • 13'-6" MLD.  
SCALE: 1/4" IN = 1 FOOT

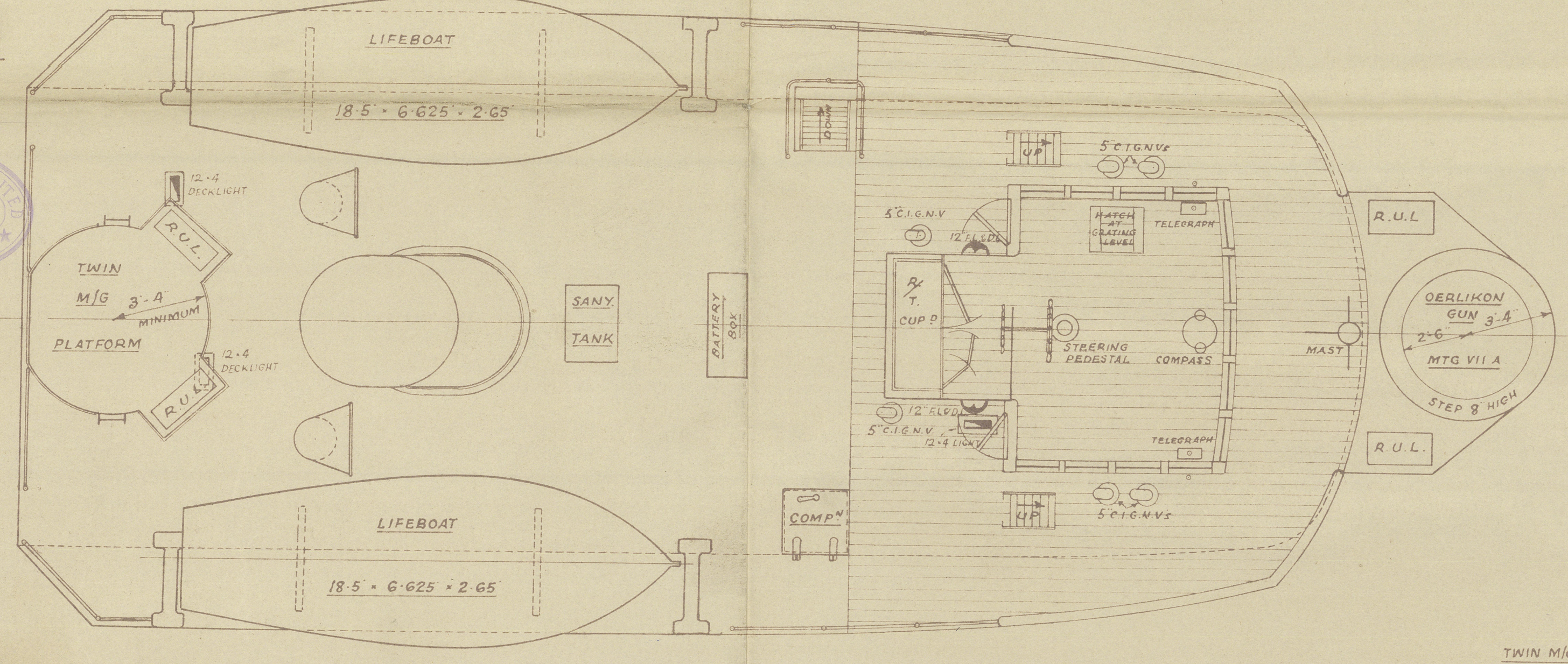
SHIP NOS.

1297

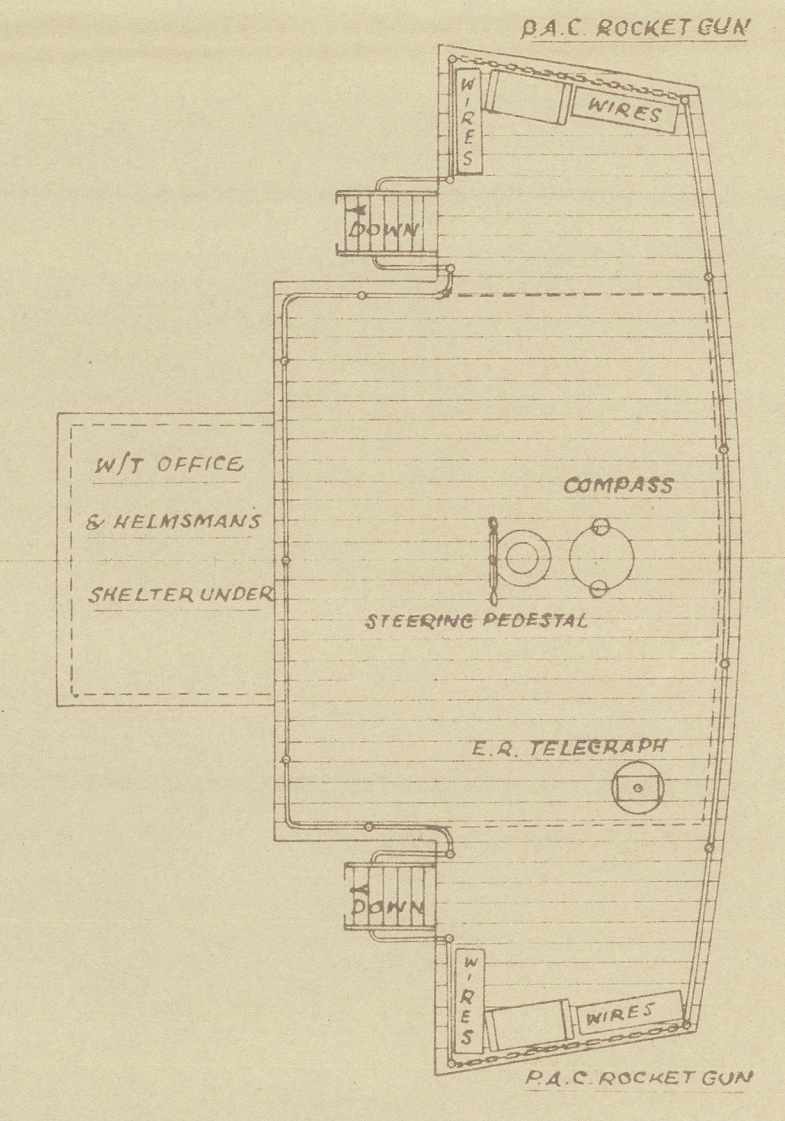
1298

1302

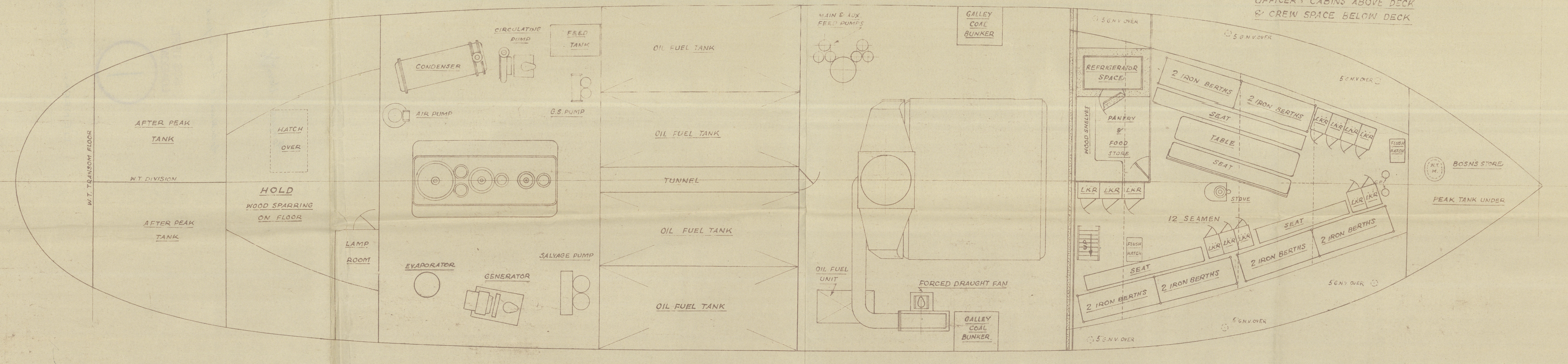
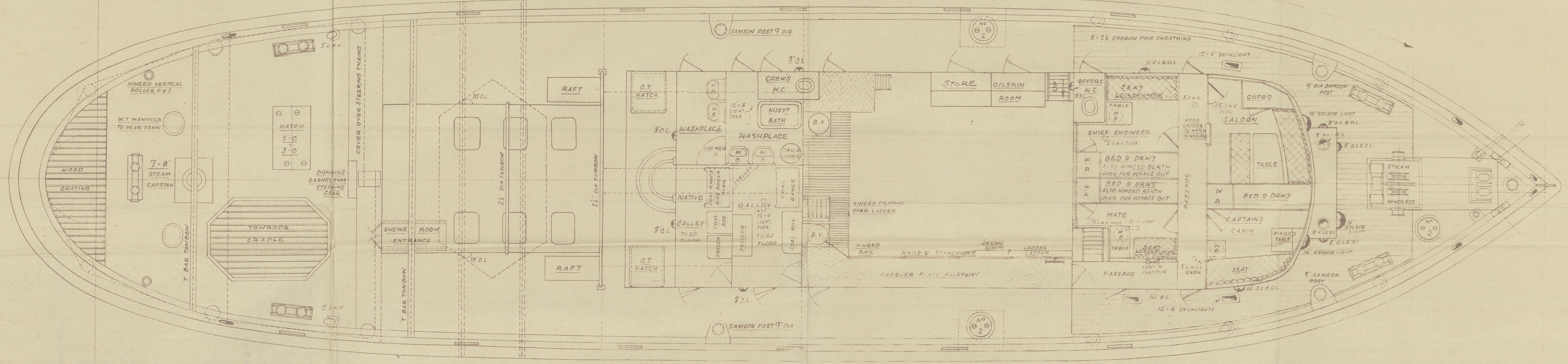
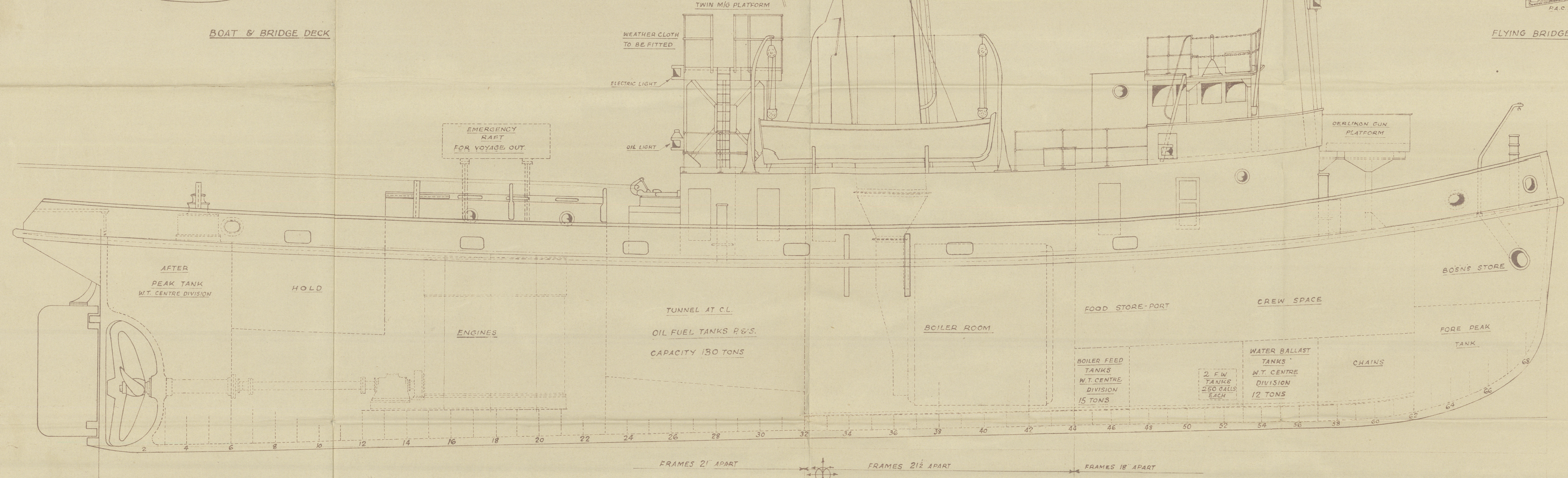
3192  
SHIPBUILDERS  
7 SEP 1944



BOAT & BRIDGE DECK



FLYING BRIDGE





# GENERAL ARRANGEMENT

SINGLE SCREW STEAM TUG

115'-0" B.P. • 27'-6" MLD. • 13'-6" MLD.

SCALE: 1/4" IN = 1 FOOT

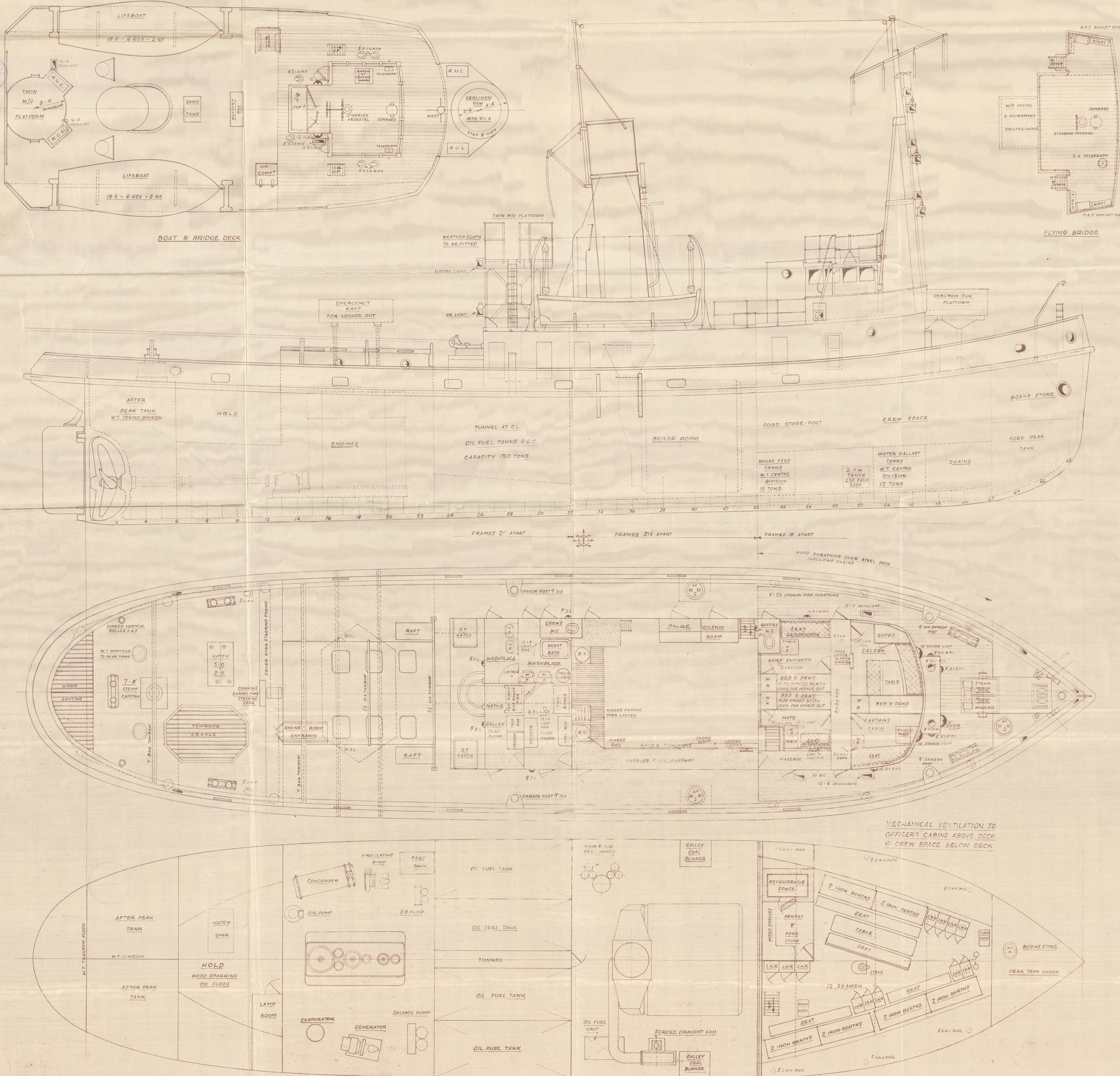
SHIP NOS.

1297

1298

1302

3192  
SHIPS  
7 SEP 1944





Hull F.E. Rpt. Nos.

Empire	Flora		53089
"	Stella	WIN "SERVICEMAN"	53154
"	Sheila		53171
"	Lilava	NW. AIRMAN	53172
"	Martha		53200
"	Vera		53250
"	Greta		53312
"	Vina		53433

Cochrane + Sons yard nos. 1294/8/9/1300/1/2/3/4

~~\*~~ AIRMAN

PROFILE + DECK.

RECORDS DEPT.  
LONDON

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Foundation

014654 - 014665 - 0187



## PROFILE & DECK PLAN

TO CLASS  $\nabla$  100 A.I. FOR TOWING SERVICES

SHIP NOS

3- APR 1944

PILLARING THROUGHOUT TO SURVEYOR'S

SATISFACTION.

1297-8-9-1300-1-2-3-4

Hull  
See also Report no. 67116  
of 8,61 and attached plans  
Re conversion from Steam to  
Diesel propulsion

31-3-46





Shill F.E.

Rpt. Nos

Empire Flora

53089

" Stella

53154

" Sheila

53171

" Clara

NV. AIRMAN

53172

" Martha

53200

" Vera

53250

" Greta

53312

" Nina

53433

014654-014665-0190

Cochrane & Sons Yard

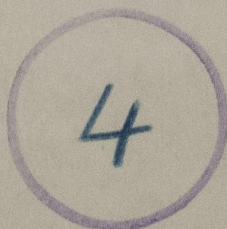
Nos. 1294-1304.

STERN FRAME +

RUDDER.

RECORDS DEPT.

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0190

*Stemframe & rudder*



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0190

1297



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# STERNFRAME & RUDDER

3-APR 1944

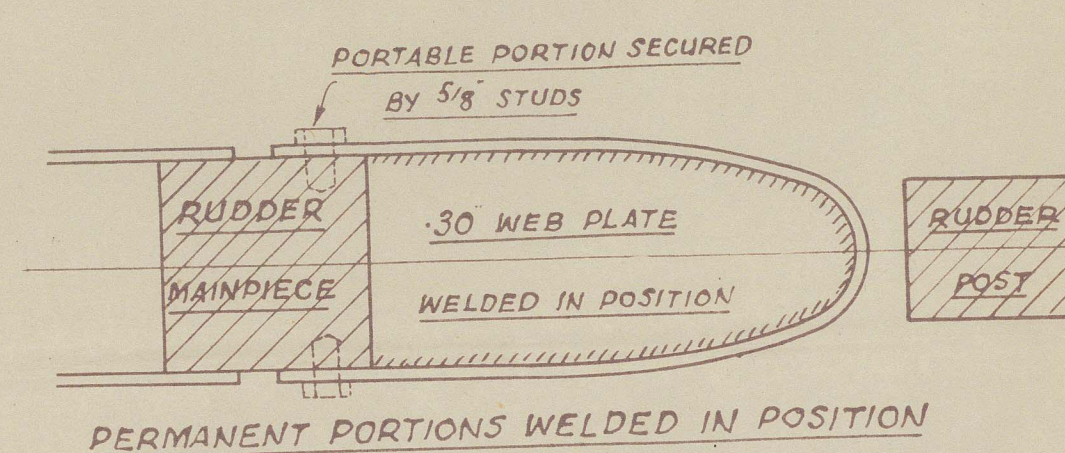
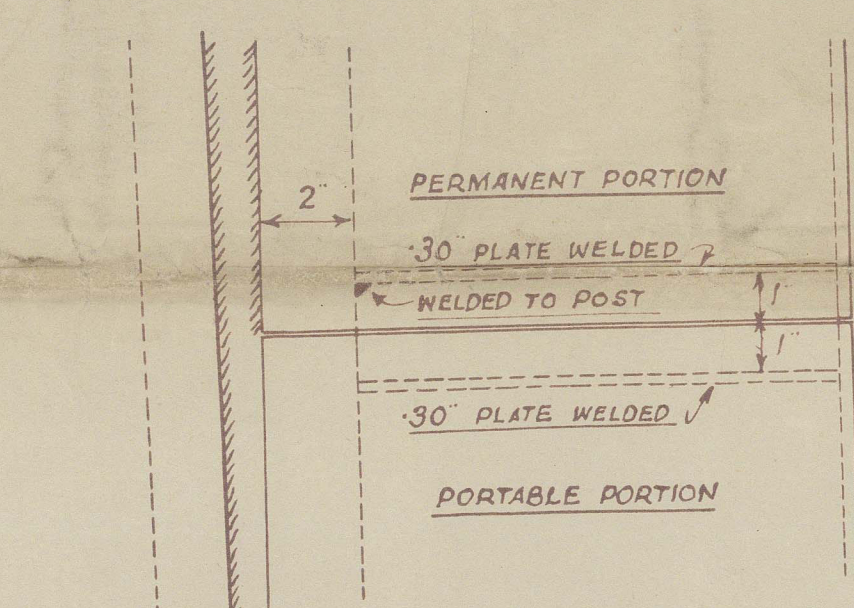
FORGED STEEL TO LLOYDS REQUIREMENTS

SCALE: 1" = 1 FT. & AS MARKED

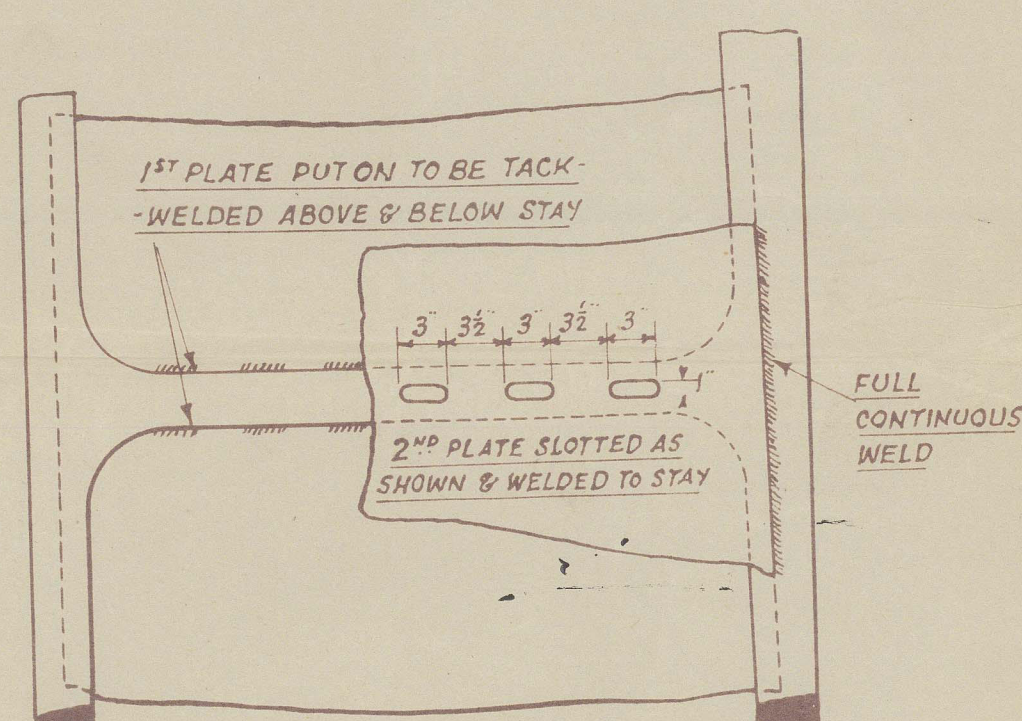
SHIP NOS

1297-8-9-1300-1-2-3-4

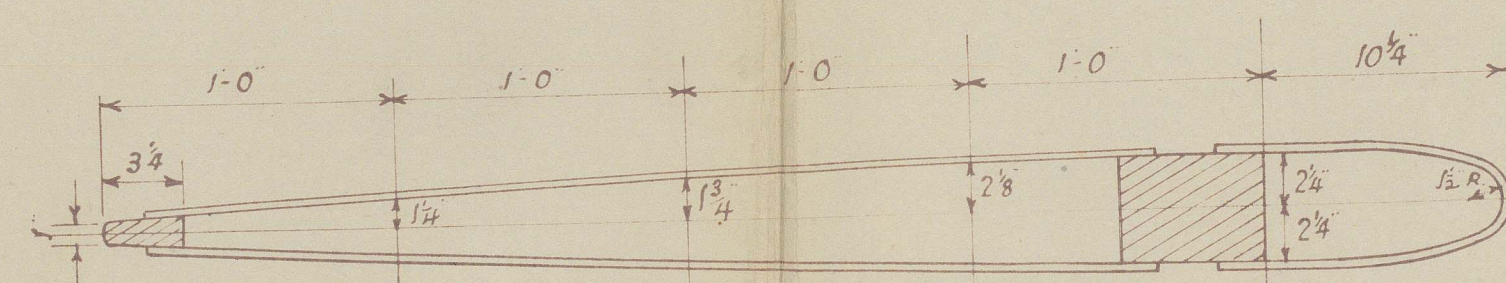
1 3/4" DIAM FITTED BOLTS TO BE SHIPPED FROM TOP & NUTS SCREWED FROM UNDERSIDE. SPLIT PINS FITTED TO PREVENT NUTS TURNING.



DETAIL OF STREAMLINING  
AT FORE EDGE OF RUDDER

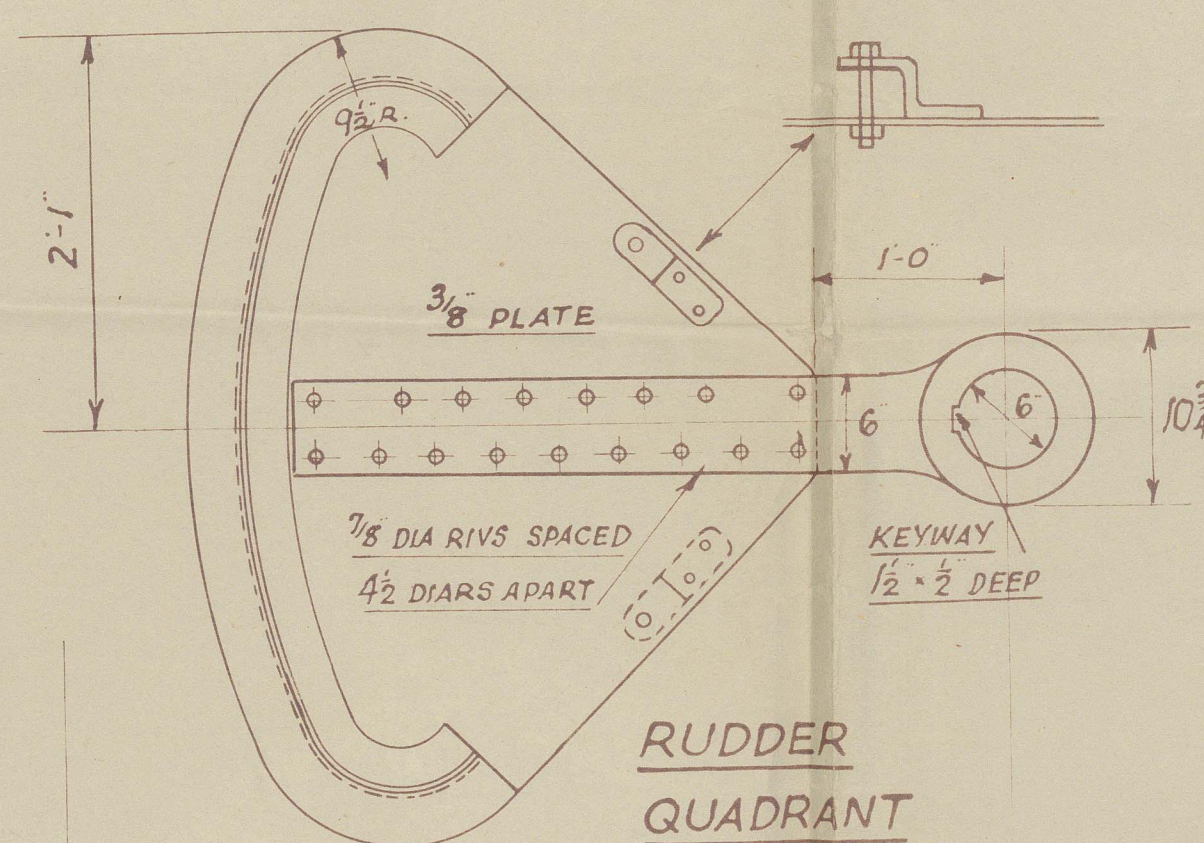


DETAIL SHOWING CONNECTION OF  
RUDDER PLATING TO STAYS

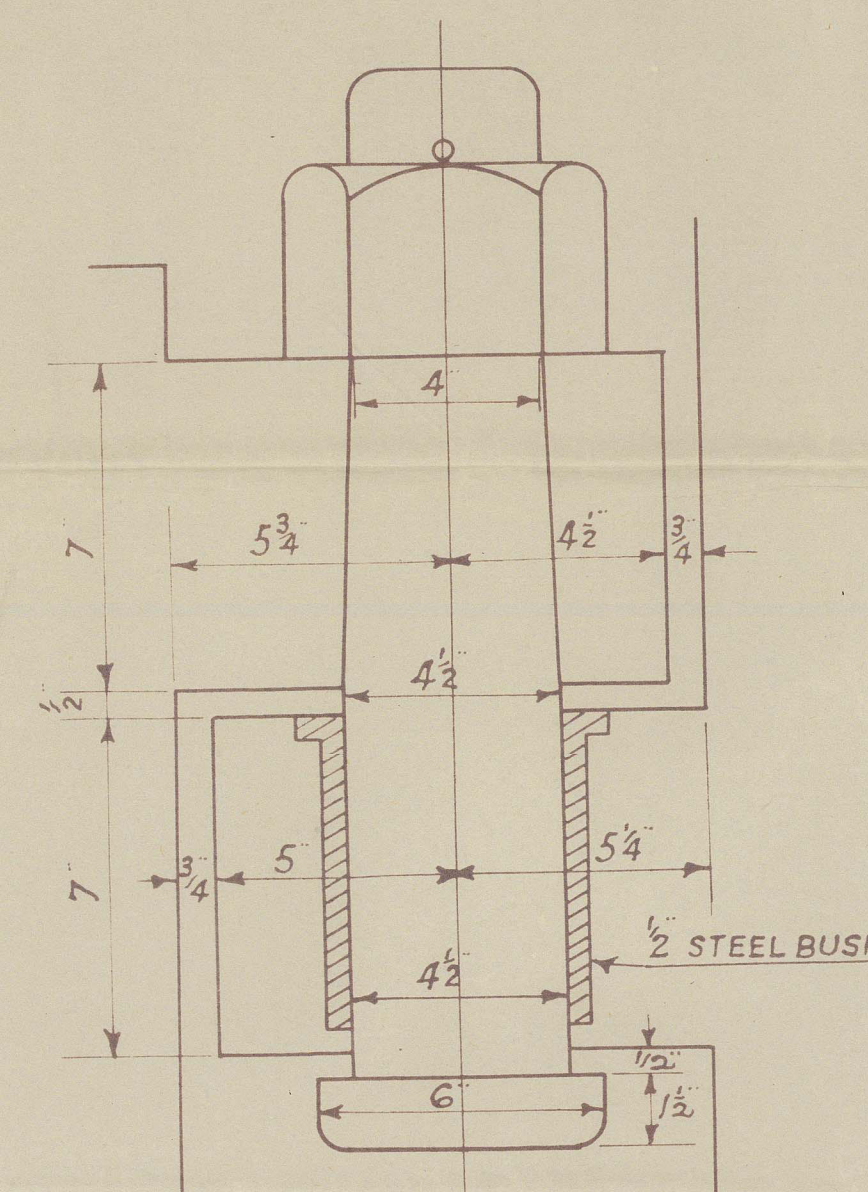


SECTION THRO RUDDER

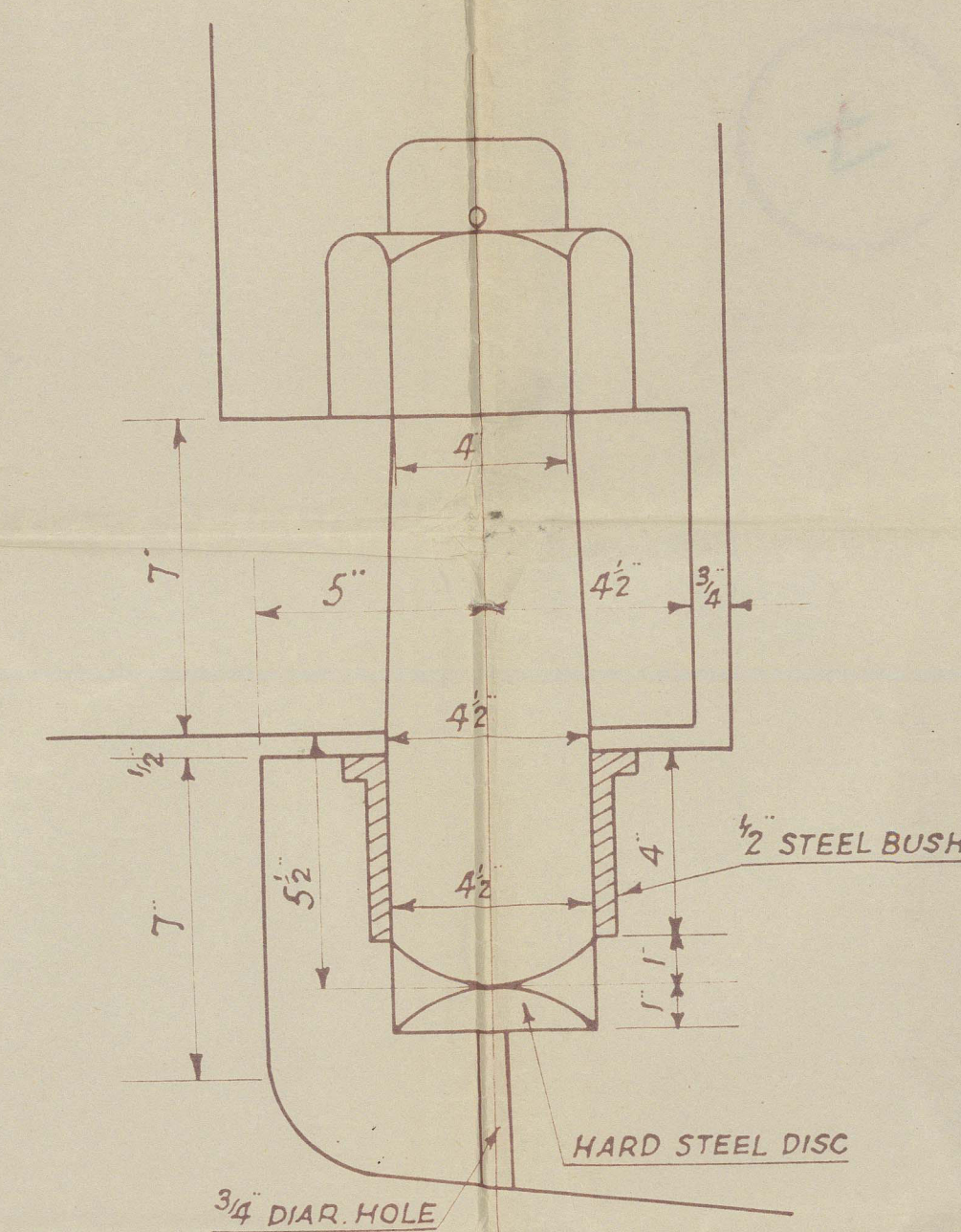
SCALE: 1/2" = 1 FT.



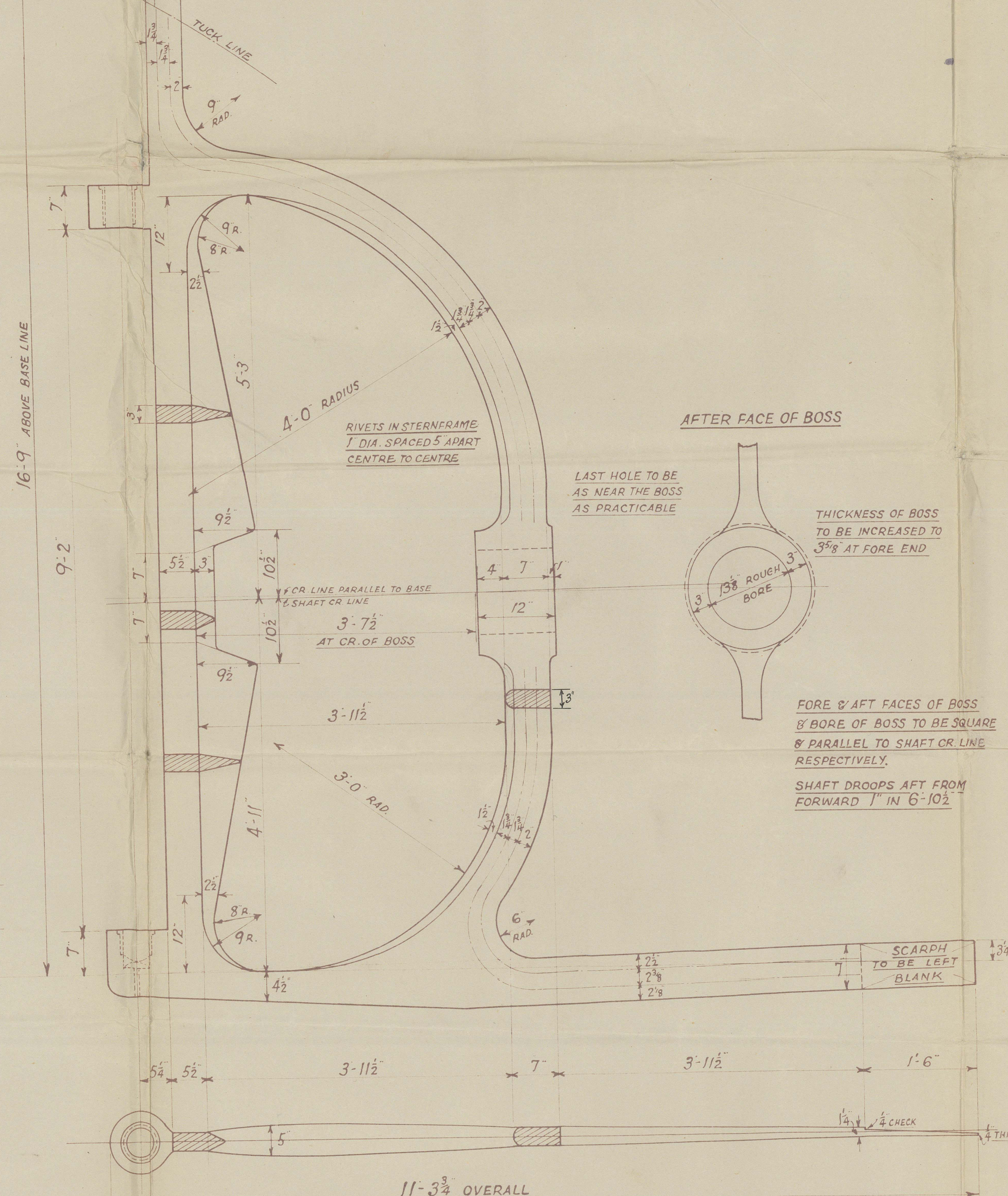
RUDDER  
QUADRANT



DETAIL OF TOP PINTLE



DETAIL OF BOTTOM PINTLE



AFTER FACE OF BOSS

LAST HOLE TO BE AS NEAR THE BOSS AS PRACTICABLE

THICKNESS OF BOSS TO BE INCREASED TO 3/8" AT FORE END

FORE & AFT FACES OF BOSS & BORE OF BOSS TO BE SQUARE & PARALLEL TO SHAFT OR LINE RESPECTIVELY. SHAFT DROOPS AFT FROM FORWARD 1" IN 6" 102

SCARPH TO BE LEFT BLANK

31-3-44



014634-014665-0190